

National Park Service

National Park Service
U.S. Department of the Interior



NORTHEAST REGION INVENTORY AND MONITORING PROGRAM

GPS METADATA FORM

GENERAL	
Project Name and Description	< Include park, taxon, state, and counties. >
Purpose	< Why was the data collected? How does the spatial data contribute to the project? >
Date and Time	< When was the data collected? >
GPS UNIT	
Make	< Garmin, Trimble >
Model	< 3 Plus, ProXR, etc. >
Expected Accuracy with differential correction?	< What is the average accuracy associated with this unit with differential correction? >
GPS UNIT SETTINGS	
(These may not all apply – just fill-in the ones that do)	
Coordinate System	< Projection (specify UTM, State Plane) or Geographic (specify decimal degrees or dd.mm.ss)? >
Datum	< NAD83 or NAD27 or WGS84? >
Maximum PDOP	< less than or equal to 6 – ideally 4 >
Maximum SNR	< less than or equal to 5 >
Minimum number of SV	< not less than 4 >
EHE	< less than or equal to 12 meters >
Measurement interval (Epoch)	< Number of seconds between positions >
If you used Real-time correction, what kind of signal did you use?	< CORS, WAAS, etc. >
PDOP = Positional Dilution of Precision, SNR = Signal-to-Noise Ratio, SV = Satellite Vehicles, EHE = Estimated Horizontal Error	
DATA COLLECTION	
Who collected the data?	< Name and organization and phone number and email >
Minimum number of positions collected for each feature?	
If multiple positions were collected, how were they averaged?	< Were the positions averaged automatically or during post-processing? >
Type of features collected	< Points, lines, and/or polygons >
How were the positions recorded?	< Standing, driving a vehicle, walking? >
What part of the feature was recorded?	< Perimeter, center line, center point, entrance to cave, etc. >
DATA PROCESSING	
Who processed the data?	< Name and organization and phone number and email >

Which software program did you use to download the data?	< <i>Name of program and version</i> >		
Did you differentially correct the data after you downloaded it?			
If so, which base station did you use?			
Did you edit the data at all?			
If so, what did you do?			
FINAL SPATIAL PRODUCT			
What format is the spatial data in?	< <i>Shapefile, Coverage, XY Coordinates</i> >		
Projection	< <i>Should be Universal Transverse Mercator (UTM)</i> >		
UTM ZONE	< <i>Zone Number</i> >	Units	< <i>Should be meters</i> >
Datum	< <i>Should be North American Datum 1983</i> >		
ATTRIBUTE TABLE			
Entity and Attributes: Define each attribute in the attribute table (data dictionary). Include any codes or abbreviations used in the table and Identify the unique (primary) key/field. The descriptions should be detailed.			
Field Name	Field Type	Field Description	
How was the attribute data entered?	< <i>Was it entered in the field using a handheld or a laptop? In the office using a workstation?</i> >		
Was the data entered verified?	< <i>Either on a printout or on-screen?</i> >		
QUALITY CONTROL			
Was any quality control done on the spatial data? Are polygons complete? Are there any slivers or dangles? Do lines intersect only where intended? Is the data topologically complete?	< <i>List and describe any quality control done on the data. The questions on the left are only intended as guidance.</i> >		
Describe the completeness of the data set. Is this data complete? Are all locations included? If not, which ones are missing? Include information about omissions, selection criteria, generalization, definition used, and other rules used to derive the data set.	< <i>List and describe any information related to the completeness of the data set. Again, the questions and comments on the left are only intended as guidance.</i> >		
Additional Comments			

For National Park Service Guidance for GPS please refer to the
 "Field Data Collection with Global Positioning Systems Standard Operating Procedures and Guidelines (02/10/04)" on
 the web at http://www.nps.gov/gis/fm/documents/Field_Data_Collection_with_GPS02-04.doc